MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

OCTOBER, 1926

J. A. BROWN, DIRECTOR

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OCTOBER 1926

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine	Rain
	8:30	2:30	8:30	Mean	Max.	Min.	Min on grass	hrs.	m.m.
1	761.5	760.7	761.0	761.1	29.2	21.3		11.0	
2	0.9	0.1	0.8	0.6	28.6	20.1		11.0	
3	0.3	0.0	59.5	59.9	28.1	20.1		10 6	
4	59.2	58.0	8.4	8.5	28.3	21.2		10.5	
5	7.6	6 9	7.4	7.3	27.8	21.7		9.4	0.25
6	7.8	8.6	60.3	8.9	27.4	20.2		9.8	
7	61.7	61.1	1.7	61.5	27.5	19.4		10.7	
8	2.4	61.4	0.8	1.5	26.4	20.1		10.7	
9	0.5	59.5	0.0	0.0	26.9	21.2		10.4	
10	0.9	60.4	0.9	0 7	30.0	21.7		10.4	
11	1 9	1.1	1.4	1.5	28.3	22.8		9.0	0.25
12	1.4	0.2	59.8	0.5	28.0	23.2			
13	59.7	58.8	9.1	59.2	26.8	20.0		10.4	
14	9.5	9.0	9.8	9.4	27.8	20.1		8.0	
15	60.2	9.1	9.4	9.6	26.8	20.7		10.1	
16	59.4	8.4	9.8	9.2	26.7	22 2		7.1	
17	8.6	60.2	61.4	60.1	27.3	19.6		10.5	
18	61.6	59.8	1.4	0.9	26.7	18.9		10.7	
19	1.8	60.6	1.0	1.1	26.1	19 9		9.8	
20	1.0	59 7	0.0	0.2	25.8	19.5		10.4	
21	59.4	60.7	59.6	59 9	27.7	21.8		4.8	0.51
22	61.2	0 6	62.0	61.3	25.0	20.9		8.5	
23	2.5	1.3	1.9	1.9	25.9	20.2		6.9	
24	2.0	1.4	1 7	1.7	25.8	20.0		10.2	
25	2.1	1.3	1.4	1.6	25.8	18.9		10.3	
26	1.6	0.6	0.9	1.0	25.5	18.9		10.0	
27	1.0	0.2	1.2	0.8	25.9	19.6		9.5	
28	1.5	0.8	2.4	1.6	26.2	19.5		7.9	
29	4.2	4.6	5.7	4.8	26.0	20.3		10.2	
30	6.2	5.2	5.0	5.5	24.2	17.8		10.2	
31	5.0	4 0	3.7	4.2	25.6	20.3		10.3	
	761.12	760 4	760 9	760.84	26.91	20.39		9.63	1.01

BAROMETER

Maximum 766.2 on 30th.
Minimum 756.9 on 5th

THERMOMETER

Maximum 30 0 on 10th
Minimum 17.8 on 30th

RAINFALL

Maximum 0.51 21st

Number of days with rain 3, thunderstorms 0, gales 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent.				Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.			
	8.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	24.5	27.8	23.3	25.2	21.3	21.7	20.1	16.1	14.9	15.0	15.3	73	54	70	66
2	23.9	27.4	24.0	25.1	20.1	21.6	21.0	14.7	15.1	16.2	15.3	66	55	72	64
3	24.4	27.7	23.6	25.2	21.5	21.5	21.2	16.9	14.8	16.9	16.2	74	53	77	68
4	25.2	27.6	23.5	25.4	20.5	21.3	19.4	14.7	14.4	14.0	14.4	62	53	65	60
5	24.7	26.7	22.8	24.7	19.6	22.6	19.2	13.5	14.1	14.1	13.9	58	65	68	64
6	25.0	26.7	23.3	25.0	19.5	19.8	18.2	13.2	12.7	12.4	12.8	56	49	58	54
7	23.5	26.2	21.7	23.8	16.4	18.3	17.2	10.0	11.1	11.8	11.0	48	44	61	51
8	23.3	26.5	25.4	25.1	17.7	19.8	20.5	11.7	12.9	14.5	13.0	55	50	61	55
9	25.2	29.7	23.1	26.0	20.2	22.1	21.0	14.2	14.6	16.9	15.2	60	46	80	62
10	25.3	27.7	23.9	25.6	21.8	23.3	21.8	16.8	17.8	17.7	17.4	70	64	80	71
11	25.6	27.6	24.4	25.9	22.3	22.9	21.8	17.5	17.2	17.4	17.4	72	62	77	70
12	25.0	25.6	23.9	24.8	21.7	22.7	21.3	16.8	18.2	16.9	17.3	71	75	76	74
13	23.4	26.1	22.8	24.1	20.3	21.5	19.8	15.5	15.7	15.0	15.4	72	62	73	69
14	23.4	26.4	23.3	24.4	20.9	22.0	21.2	16.5	16.3	17.1	16.6	78	63	80	74
15	23.5	26.2	23.9	24.5	19.8	22.4	22.2	14.6	17.3	18.5	16.8	68	69	84	74
16	24.9	26.7	22.9	24.8	21.2	22.0	20.5	16.0	16.1	16.1	16.1	69	61	78	69
17	23.8	26.1	21.6	23.8	20.2	21.0	18.7	14.9	14.9	13.9	14.6	67	59	72	66
18	22.7	25.5	22.8	23.7	19.1	20.7	19.6	13.9	14.7	14.7	14.4	69	60	71	77
19	23.1	24.8	22.9	23.6	20.0	21.0	20.2	15.1	15.7	15.6	15.5	72	67	75	71
20	22.8	24.5	23.3	23.5	19.3	20.1	19.9	14.1	14.3	14.9	14.4	69	63	70	67
21	23.3	24.1	21.8	23.1	18.4	19.4	19.4	12.6	13.7	14.9	13.7	58	61	77	65
22	23.3	25.4	22.2	23.6	19.2	19.9	18.8	13.7	13.7	13.8	13.7	64	57	68	63
23	23.1	24.4	23.0	23.5	19.1	20.4	20.5	13.7	14.9	15.8	14.8	66	66	76	69
24	23.3	24.9	22.9	23.7	19.6	21.7	20.7	14.2	16.7	16.5	15.8	67	71	80	73
25	22.2	24.8	22.1	23.0	19.7	20.1	19.9	15.2	14.2	15.6	15.0	77	62	79	73
26	22.6	25.6	20.9	23.0	19.9	20.7	18.9	15.4	14.7	14.8	15.0	77	60	80	72
27	23.9	25.6	21.5	23.7	20.3	21.6	19.9	15.1	16.2	16.1	15.8	68	67	84	73
28	23.4	25.6	23.1	24.0	21.1	21.6	20.5	16.8	16.2	15.9	16.3	78	67	77	74
29	21.7	23.4	21.2	22.1	17.8	18.3	17.6	12.5	12.4	12.6	12.5	65	58	68	64
30	21.3	24.4	23.3	23.0	18.0	19.7	19.7	13.1	13.8	14.4	13.8	70	61	68	66
31	23.2	24.9	23.0	23.7	19.1	19.9	20.4	13.7	14.0	16.0	14.6	65	61	76	67
	23.69	26.02	22.95	24.21	19.86	21.02	20.04	14.60	14.91	15.35	14.97	67.2	60.2	73.6	66.9

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

OCTOBER 1926

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	0	0	0	0	1w	1w	0	141.8	calm	
2	0	0	0	0	0	2w	0	73.2	,,	
3	0	1	3	1.3	1w	2w	1e	105.2	,,	
4	2	5	3	3.3	1e	2	0	190.7	v. slight	lightning
5	6	4	5cu n	5.0	5	4	0	291.6	slight	lightning
6	5	1	1	2.3	1w	3w	0	247.8	v. slight	sirocco
7	0	0	0	0	1ne	2w	1e	154.5	calm	
8	0	0	0	0	2e	3ne	7n	328.2	v. slight	
9	0	0	0	0	2	1	0	181.7	calm	
10	1	0	7	2.7	2	5	1e	156.4	,,	
11	6	1	9	5.3	1	1n	1w	153.7	,,	
12	8	6cu n	3	5.7	1	2w	3w	246.8	v. slight	
13	1	1	1	1.0	0	1n	1w	135.5	calm	
14	5	0	0	1.7	1	1n	0	128.2	,,	
15	1cu ci	1cu ci	7cu ci	3.0	2se	3se	0	254.8	,,	
16	9	2cu ci	2cu ci	4.3	1w	4e	1	181.5	,,	
17	1	1	1	1.0	2	4	0	174.4	,,	
18	1	0	3ci	1.3	1ne	3n	3se	142.4	,,	
19	1ci	1ci	1	1.0	1n	3ne	0	269.8	,,	
20	2	1	1	1.3	2w	5w	5e	331.0	v. slight	
21	4cu ci	7cu cin	9cu cin	6.7	4e	2w	1w	648.4	,,	
22	3cu ci	2	5	3.3	1w	1w	0	170.0	calm	
23	3cu ci	9cu ci	5cu ci	5.7	0	3nw	3e	157.9	,,	
24	1	1	1	1.0	1e	3e	3n	230.0	,,	
25	1	1	1	1.0	1	1e	0	162.8	,,	
26	0	0	0	0	0	1w	0	85.6	,,	
27	1ci	2cu ci	1	1.3	2	3	0	164.0	,,	
28	4ci	5	8	5.7	0	2	1	54.7	,,	
29	0	0	0	0	1	4n	2e	299.4	,,	
30	0	1ci	0	0.3	1e	3e	5n	207.8	,,	
31	0	0	0	0	1	4se	1s	221.1	v. slight	
				2.10				202.93		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	2	5	1	0	11	6	0	5
2:30	5	2	4	2	0	7	10	1	0
8.30	3	0	6	1	1	2	4	0	14
Totals	9	4	15	4	1	20	20	1	19

N. B. — Cloud numbers without letters are all cu
Wind ,, ,, ,, ,, sw